YOUR UPGRADE SOLUTION

MICROUPGRADE

MICROSTORAGE DAS-S8A
2U ULTRA DMA RAID SUBSYSTEM

The MicroStorage DAS-S8A is a superior data storage option for mission critical and high performance applications. For mission critical applications requiring aggressive performance, total reliability and system scalability, the DAS-S8A is the obvious solution.

The DAS-S8A is equipped with Ultra160 to Ultra DMA RAID controllers to offer fault tolerant data protection and 100% transparency to the host operating system. A fully featured data protection subsystem supporting RAID levels 0, 1, 0+1, 3 and 5, it is the ideal storage solution for applications requiring high data throughput, continuous availability, and flexibility in configuration.

System reliability is ensured by an environmental monitoring unit which tracks the enclosure temperature as well as individual disk temperatures. Hot swappable redundant power supplies are continuously monitored and high quality advanced cooling modules provide an optimal environment for high RPM drives. If any irregularity in these systems occurs, the monitoring unit alerts the administrator with an audible alarm, by fax and pager.

The DAS-S8A comes with 8 drive trays accommodating 3.5" Ultra DMA drives while the SCA-II single connector architecture enables true hot swap capability.

With a menu driven front panel display, a terminal serial port, real time drive status indicators and a Java-based GUI interface, the DAS-S8A offers a variety of options for monitoring and management.

Features

- Supports RAID levels 0, 1, 0+1, 3, and 5
- Features an Intel 80303 64 bit RISC I/O processor
- Supports up to 512MB of cache
- Ultra 160 LVD host port
- Smart-function LCD panel
- Supports up to eight (8) 1" hot-swappable Ultra DMA hard drives
- Redundant load sharing hot-swappable power supplies
- High quality advanced cooling fans
- Environmental monitoring unit
- Supports hot spare and automatic hot rebuild
- Industry standard 19" rack - mountable 2U chassis
- Transparent data protection for all popular operating systems
- Tagged command queuing for 255 commands, allows for overlapping data streams
- Allows online capacity expansion within the enclosure
- Dual host channels support clustering technology
- Built - in serial port interface for remote event notification
- Real time drive activity and status indicators
- Local audible event notification alarm
- Browser - based Java GUI management utility

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TECHNICAL SPECIFICATIONS

Model	**DAS-S8A**
Form-factor	2U 19 - inch rackmount chassis
RAID processor	Intel 80303 64 bit RISC
RAID level	0, 1, 0+1, 3, 5
Cache memory	512MB
No. of channels (host + drive)	2 + 8
Host bus interface	Ultra 160 LVD
Drive bus interface	Ultra DMA100 (UDMA133 applicable)
Data transfer rate	Up to 160MB/Sec
Back plane board	Ultra DMA100 (SCA - II) (UDMA133 applicable)
Hot-swap drive trays	Eight (8) 1 - inch trays
Drive tray connectors	SCA - II 80pin
Hot-swappable power supplies	Two (2) 300W
Tagged command queuing	Up to 255 commands
Cooling fans	2 (blower)
Fax/Pager notification	Yes
Password protection	Yes
Audible alarm	Yes
Failed drive indicators	Yes
Failed drive auto rebuild	Yes
On-line consistency check	Yes
Continuous rebuild	Yes
On-line expansion	Yes
Host independent	Yes
New disk auto spare	Yes
Environment monitor	Yes
UPS Connection	Yes
Power requirements	AC 115V / 230V 6A / 3A, 50Hz / 60Hz
Environmental	
Relative Humidity:	10% to 85% Non-condensing
Operating Temp:	10 to 50 (50 to 122)
Non-operating Temp:	-40 to 60 (-40 to 140 F)
Physical Dimensions:	89 (H) x 449 (W) x 538(D) mm 3.5 (H) x 19.13 (W) x 21.18 (D) inches
Weight	14.2kg / 31.24lb (without drives)

Specification are subject to change without notice

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